1. (As filed) A high voltage cable including a fiber core, a first layer of an electrically relatively non-insulative polymer, a second layer of an electrically relatively non-conductive polymer, a third layer of an electrically relatively non-insulative polymer, a fourth layer including a metal braid shield, and a fifth layer including a relatively solvent- and abrasive-resistant polymer jacket.

2. (As filed) The cable of claim 1 wherein the fiber core includes a stranded fiber polyester core.

3. (As filed) The cable of claim 2 wherein the fiber core is impregnated to increase its bulk conductivity.

4. (As filed) The cable of claim 3 wherein the fiber core is impregnated with carbon black.

5. (As filed) The cable of claim 1 wherein the fiber core is impregnated to increase its bulk conductivity.

6. (As filed) The cable of claim 5 wherein the fiber core is impregnated with carbon black.

7. (As filed) The cable of claim 1 wherein the first layer includes a layer of semiconductive polyethylene.

8. (As filed) The cable of claim 7 wherein the layer of semiconductive polyethylene includes a layer of carbon black-loaded polyethylene.

9. (As filed) The cable of claim 1 wherein the second layer includes a layer of electrically relatively non-conductive polyethylene.

10. (As filed) The cable of claim 9 wherein the layer of electrically relatively non-conductive polyethylene includes a layer of relatively high molecular weight, relatively low density polyethylene.

11. (As filed) The cable of claim 1 wherein the third layer includes a layer of electrically relatively non-insulative polyvinyl chloride.

12. (As filed) The cable of claim 11 wherein the layer of electrically relatively non-insulative polyvinyl chloride includes a layer of spirally extruded electrically relatively non-insulative polyvinyl chloride.

13. (As filed) The cable of claim 1 wherein the third layer includes a layer of spirally extruded electrically relatively non-insulative polymer.

14. (As filed) The cable of claim 1 wherein the metal braid shield includes a copper-containing braid shield.

15. (As filed) The cable of claim 14 wherein the copper-containing braid shield further contains tin.

16. (As filed) The cable of claim 1 wherein the metal braid shield includes a tin-containing braid shield.

17. (Once amended) The cable of claim 1 wherein the metal braid shield includes a metal braid covering between about 85% and about 100% of the outside surface of the third layer of electrically relatively non-insulative polymer.

18. (As filed) The cable of claim 1 wherein the pitch of the braid of the metal braid shield is between about 0° and about 20° to a perpendicular to the longitudinal extent of the cable.

19. (As filed) The cable of claim 1 wherein the polymer jacket includes a flexible polyurethane jacket.

20. (As filed) The cable of claim 1 in combination with a high magnitude electrostatic potential supply, a device for the electrostatically aided atomization and dispensing of a coating material, a source of the coating material coupled to the device, the high voltage cable coupling the potential supply to the device.